



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **52953** | Service: **DTV** | Call **KSPX-TV** | Channel: **21 (UHF)** |
ID: | Sign:
File **0000028653**
Number:
FRN: **0001808468** | Date **10/16**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION TELEVISION LICENSE, LLC	601 CLEARWATER PARK ROAD WEST PALM BEACH, FL 33401 United States	+1 (561) 682-4110	BIANCAFRYE@IONMEDIA.COM	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response
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Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Relocate from ASR #1015686 to ASR #1012855. Install interim transmitter, transmission line, and antenna on pre-channel. In phase 9, install main transmitter, transmission line, and antenna for post- channel. Helicopter services needed for main antenna.

Transmitters

Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Millennium
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	60 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9-30 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	46 kW
	Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A

	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	400.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
RF Interconnect	Interconnect between RF System and transmission line
Removal of Existing Equipment	Removal of existing transmitters and equipment / Site Prep

**Interim
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	SLIM5 01 UHF SD PCM LP Air Cooled 1KW
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.3 kW
	Justification for New Transmitter	Needed for interim use at Transtower location.

**Interim
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	Electrical Work to Provide Power to Interim Transmitter Operation
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Interim Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	TFU- 24DSC-R CT150
Year	2005

Primary
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	

Model	ATW26H4-ETCX-21H
Year	2019
Justification for New Antenna	Current slot antenna cannot be re-channelled

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
LED Lighting System	LED Lighting for Antenna

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	Wide Band (WB)
	ERP: (Effective Radiated Power)	20.0 kW
	Manufacturer	
	Model	TFU-8WB C160
	Year	2019

	Justification for New Antenna	Needed for interim operation at Transtower site. ION will be using an interim from previous location, but has elbow and installation costs for this interim.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	3 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1770 feet per run

Primary
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1691 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep existing transmission line	Sweep existing transmission line

Interim
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	1000 feet per run
	Justification for New Transmission Line	Needed for interim operation at Transtower site.

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary
Tower**

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1012855
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 14' 50.0" N-
	Longitude (NAD83)	121° 30' 07.0" W-
	Overall Structure Height	1548.87 feet
	Support Structure Height	1437.97 feet
	Ground Elevation Above Mean Sea Level (AMSL)	0.00 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Transtower, Inc.
Date Constructed	08/15/2014

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
56550	KOVR	DTV
51499	KMAX-TV	DTV

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
Helicopter Services Required	Are helicopter services required?	Yes

**Primary
Tower**

Other Tower Expenses Not Listed

Name		Description
Interim Antenna Installation		Tower rigging and installation of interim antenna
Structural analysis		Structural analysis
Remove Interim Antenna		Take down interim antenna and transmission line

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1015686
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 15' 54.0" N-
	Longitude (NAD83)	121° 29' 28.0" W-
	Overall Structure Height	2000.30 feet
	Support Structure Height	1904.83 feet
	Ground Elevation Above Mean Sea Level (AMSL)	0.00 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	Hearst Stations Inc.
	Date Constructed	10/01/1985

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
51499	KMAX-TV	DTV
33875	KCRA-TV	DTV
10242	KQCA	DTV

**Primary
Tower**

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Structural analysis	Structural analysis

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	180
	Explanation	Required by tower landlord
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	Yes
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Impact Study	LPTV Impact Analysis
K20JX - Legal Fees	Legal fees for working with K20JX to sign an inference agreement

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
K20JX-D Legal	Cost of Legal fees for K20JX-D Non-Repack station.
K20JX-D Antenna structure and construction	Cost of Antenna Structure & construction for K20JX-D Non-Repack station.
K20JX-D Engineering Consulting	Cost of Engineering Consulting for K20JX-D Non-Repack station.
K20JX-D Antenna, Cabling and Associated Elements	Cost of Antenna, cabling, and associated elements for K20JX-D Non-Repack station.
K20JX-D Installation	Cost of Installation for K20JX-D Non-Repack station.
K20JX-D Transmitter and Associated Elements	Cost of transmitter and associated elements for K20JX-D Non-Repack station.
K20JX-D Zoning and Local Permits	Cost of Zoning and Local Permits for K20JX-D Non-Repack station.

Cost Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter SLIM5 01 UHF SD PCM LP Air Cooled 1KW	\$276,919.00	\$58,926.94		\$58,926.94	
Other Electrical Service: Electrical Work to Provide Power to Interim Transmitter Operation	\$3,419.00	\$3,419.00	Please see ICON COR #1 Power for Temp Transmitter (Updated)	\$3,419.00	N/A
UHF inside RF system including switching	\$147,500.00	\$25,013.44	See attached Jampro Quote #AP042519D-R1 and #AP051619C-R1. Remaining quote balances were previously submitted under incorrect transmitter components.	\$25,013.44	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$30,494.50	See attached BGS Quote #554985 plus tax. And exhibit "KSPX Stay vs Move Costs for Antennas, Interim Transmitter, and Tower Work"	\$30,494.50	N/A

Primary Transmitter THU9-30 EVO	\$1,906,926.26	\$1,497,480.94		\$1,488,325.91	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,060,149.68	Please see attached Rohde & Schwarz Quotes #113838.0 and #207536.0	\$1,060,149.68	The totals are both \$1,060,149
Removal of Existing Equipment	\$41,200.00	\$41,200.00	Skyline Communications Quote #EST21241	\$41,200.00	N/A
Other -- Building Addition Size: 400.0	\$89,443.00	\$89,443.00	Please see ICON General Contractors Quotes #10669 and #10639	\$89,443.00	N/A
5 Ton system	\$20,250.00	\$23,655.00	Please see attached ICON Quote #10670	\$23,655.00	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	\$258,033.26	\$258,033.26	Please see ICON General Contractors Quotes #10671 and #11030. The Jampro invoice for \$47,611.26 should have been submitted in another component.	\$258,033.26	Totals are the same
RF Interconnect	\$25,000.00	\$25,000.00	N/A	\$15,844.97	N/A
Sub-total	\$2,183,845.26	\$1,556,407.88	N/A	\$1,547,252.85	N/A
Total for all systems	\$4,279,387.41	\$3,416,905.84	N/A	\$2,992,123.16	N/A

Components

Actual Information	
Description	File Name
Other Electrical Service: Electrical Work to Provide Power to Interim Transmitter Operation	Component Description: Progress payment for electric installation of interim transmitter equipment. Supporting documentation and cover letter attached. This invoice has been paid.
	Amount: \$3,077.10
	Component Description: Balance retainage payment for electric installation of interim transmitter equipment. Supporting documentation and cover letter attached. This invoice has been paid.
	Amount: \$341.90

UHF inside RF system including switching	<div> <div>Component Description:</div> <div>50% "balance before shipment" payment for 10kW mask filter and installation. Supporting documentation and Cover Letter are attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$15,888.63</div> </div>
	<div> <div>Component Description:</div> <div>50% "balance before shipment" payment for interim RF equipment. Supporting documentation and Cover Letter are attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$9,124.81</div> </div>
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<div> <div>Component Description:</div> <div>Cost of interim transmitter. Supporting documentation and cover letter for interim operation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$30,494.50</div> </div>

UHF - Liquid Cooled Solid
State Transmitter 35 - 50
kW

Component Description:

Cost of additional
installation parts
for new transmitter.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$12,996.81

Component Description:

Balance payment
and sales tax for
new transmitter.
Supporting
documentation is
attached.

Amount:

\$411,352.12

Component Description:

30% and 35%
progress payments
for new transmitter.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$634,800.75

Component Description:

Deposit payment
for new transmitter.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$1,000.00

Removal of Existing Equipment	<div> <div>Component Description:</div> <div>Cost to remove old non-retuneable transmitter and components. Supporting documentation is attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$41,200.00</div> </div>
Other -- Building Addition Size: 400.0	<div> <div>Component Description:</div> <div>2nd progress payment for work done inside transmitter building. Supporting documentation and cover letter attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$4,757.13</div> </div> <div> <div>Component Description:</div> <div>Progress payment for concrete pads for heat exchangers and HVAC units. Supporting documentation is attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$19,528.20</div> </div>

Component Description:	5th progress payment for work done inside transmitter building. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$3,750.00

Component Description:	4th progress payment for work done inside transmitter building. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$8,188.00

Component Description:	3rd progress payment for work done inside transmitter building. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$19,918.13

Component Description:	Balance payment for concrete pads for heat exchangers and HVAC units. Supporting documentation is attached. This invoice has been paid.
Amount:	\$2,169.80

Component Description:	1st progress payment for work done inside transmitter building. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$25,551.04

Component Description:	Balance payment for work done inside transmitter building. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$5,580.70

5 Ton system	<table> <tr> <td data-bbox="708 174 1018 208">Component Description:</td><td data-bbox="1150 174 1370 483">Final "retention" payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 495 818 528">Amount:</td><td data-bbox="1150 495 1267 528">\$2,365.50</td></tr> <tr> <td data-bbox="708 633 1018 667">Component Description:</td><td data-bbox="1150 633 1370 943">2nd progress payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 954 818 987">Amount:</td><td data-bbox="1150 954 1283 987">\$12,773.70</td></tr> <tr> <td data-bbox="708 1093 1018 1126">Component Description:</td><td data-bbox="1150 1093 1370 1402">1st 40% progress payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1413 818 1447">Amount:</td><td data-bbox="1150 1413 1267 1447">\$8,515.80</td></tr> </table>	Component Description:	Final "retention" payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.	Amount:	\$2,365.50	Component Description:	2nd progress payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.	Amount:	\$12,773.70	Component Description:	1st 40% progress payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.	Amount:	\$8,515.80
Component Description:	Final "retention" payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$2,365.50												
Component Description:	2nd progress payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$12,773.70												
Component Description:	1st 40% progress payment for HVAC installation. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$8,515.80												
Other Electrical Service: Electrical Installation for replacement transmitter	<table> <tr> <td data-bbox="708 1585 1018 1619">Component Description:</td><td data-bbox="1150 1585 1370 1973">Balance retainage payment for transmitter electric installation. Supporting documentation and cover letter attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1984 818 2018">Amount:</td><td data-bbox="1150 1984 1283 2018">\$17,878.10</td></tr> </table>	Component Description:	Balance retainage payment for transmitter electric installation. Supporting documentation and cover letter attached. This invoice has been paid.	Amount:	\$17,878.10								
Component Description:	Balance retainage payment for transmitter electric installation. Supporting documentation and cover letter attached. This invoice has been paid.												
Amount:	\$17,878.10												

Component Description:	1st progress payment for additional electrical work for transmitter installation. Supporting documentation and cover letters attached. This invoice has been paid.
Amount:	\$28,476.90

Component Description:	3rd progress payment for electrical installation for transmitter equipment. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$32,180.58

Component Description:	50% down payment for electrical installation. Supporting documentation is attached.
Amount:	\$47,611.26

Component Description:	Balance payment for additional electrical work for transmitter installation. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$3,164.10

Component Description:	1st progress payment for electrical installation for transmitter equipment. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$40,225.72

Component Description:	2nd progress payment for electrical installation for transmitter equipment. Supporting documentation and cover letter attached. This invoice has been paid.
Amount:	\$88,496.60

RF Interconnect

Component Description:

50% "down payment" for additional RF parts. Supporting documentation is attached. This invoice has been paid.

Amount:

\$9,124.81

Component Description:

Cost of parts for RF interconnect. Supporting documentation is attached.

Amount:

\$6,720.16

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-8WB C160	\$16,070.00	\$19,676.00		\$11,250.00	
Sweep test of existing antenna	\$6,730.00	\$11,250.00	See attached SWE Services Quote #1554 and Dielectric KSPX-TV_QT1929800. And exhibit "KSPX Stay vs Move Costs for Antennas, Interim Transmitter, and Tower Work"	\$11,250.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	<i>\$0.00</i>	\$0.00	ION will use interim antenna purchased for previous repack station.	N/A	N/A
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$8,426.00	See attached Jampro Quote #AP051619C-R1	N/A	N/A

Primary Antenna ATW26H4-ETCX-21H	\$317,157.19	\$227,683.52		\$221,928.99	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$12,339.42	Cost of elbow complex. Cost estimate includes sales tax. Please see attached Electronics Research, Inc. Quote #20180820-033 and ERI Change Order #37246-A	\$12,302.47	N/A
LED Lighting System	\$3,367.19	\$3,367.19	Please see ERI Quote #20200221-069 (Beacon) plus tax	\$3,367.19	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,730.00	Cost for repack sweep. Cost estimate includes sales tax. Please see attached Electronics Research, Inc. Quote #20180820-033.	\$6,710.88	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$200,246.91	Cost of primary antenna. Cost estimate includes sales tax but does not include EPOL upgrade. Please see attached Electronics Research, Inc. Quote #20180820-033.	\$199,548.45	N/A
Sub-total	\$333,227.19	\$247,359.52	N/A	\$233,178.99	N/A
Total for all systems	\$4,279,387.41	\$3,416,905.84	N/A	\$2,992,123.16	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p>Component Description: Cost to sweep interim antenna. Supporting documentation and cover letter for interim operation attached.</p> <p>Amount: \$6,400.00</p> <p>Component Description: Cost to sweep interim antenna. Supporting documentation and cover letter for interim operation attached. This invoice has been paid.</p> <p>Amount: \$4,850.00</p>

UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	Information not provided.								
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.								
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<table border="0"> <tr> <td>Component Description:</td> <td>10% "net after proof of performance" for primary elbow complex. Explanation of Variance and supporting documentation attached.</td> </tr> <tr> <td>Amount:</td> <td>\$1,055.42</td> </tr> <tr> <td>Component Description:</td> <td>Cost of additional equipment for main elbow complex. Supporting documentation is attached. This invoice has been paid.</td> </tr> <tr> <td>Amount:</td> <td>\$1,748.24</td> </tr> </table>	Component Description:	10% "net after proof of performance" for primary elbow complex. Explanation of Variance and supporting documentation attached.	Amount:	\$1,055.42	Component Description:	Cost of additional equipment for main elbow complex. Supporting documentation is attached. This invoice has been paid.	Amount:	\$1,748.24
Component Description:	10% "net after proof of performance" for primary elbow complex. Explanation of Variance and supporting documentation attached.								
Amount:	\$1,055.42								
Component Description:	Cost of additional equipment for main elbow complex. Supporting documentation is attached. This invoice has been paid.								
Amount:	\$1,748.24								

Component Description:

15% "payment with order" for primary elbow complex. Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.

Amount:

\$1,583.14

Component Description:

35% "upon mfg" for primary elbow complex. Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.

Amount:

\$3,693.98

Component Description:

40% "prior to shipment" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.

Amount:

\$4,221.69

LED Lighting System	<div> <div> Component Description: </div> <div> Cost of LED lighting for new antenna. Supporting documentation is attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$3,367.19 </div>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	<div> <div> Component Description: </div> <div> 10% "net after proof of performance" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. </div> </div> <div> Amount: </div> <div> \$671.09 </div> <div> <div> Component Description: </div> <div> 15% "payment with order" for repack sweep of primary antenna operations. Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$1,006.63 </div>

	<table> <tr> <td data-bbox="708 152 1018 197">Component Description:</td><td data-bbox="1150 152 1378 712">35% "upon mfg" for repack sweep of primary antenna operations. Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 719 815 752">Amount:</td><td data-bbox="1150 719 1262 752">\$2,348.81</td></tr> <tr> <td data-bbox="708 853 1018 898">Component Description:</td><td data-bbox="1150 853 1347 1323">40% "prior to shipment" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1330 815 1364">Amount:</td><td data-bbox="1150 1330 1267 1364">\$2,684.35</td></tr> </table>	Component Description:	35% "upon mfg" for repack sweep of primary antenna operations. Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.	Amount:	\$2,348.81	Component Description:	40% "prior to shipment" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.	Amount:	\$2,684.35
Component Description:	35% "upon mfg" for repack sweep of primary antenna operations. Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.								
Amount:	\$2,348.81								
Component Description:	40% "prior to shipment" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.								
Amount:	\$2,684.35								
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="708 1503 1018 1547">Component Description:</td><td data-bbox="1150 1503 1347 1861">10% "net after proof of performance" for primary antenna. Explanation of Variance and supporting documentation attached.</td></tr> <tr> <td data-bbox="708 1868 815 1901">Amount:</td><td data-bbox="1150 1868 1283 1901">\$19,954.84</td></tr> </table>	Component Description:	10% "net after proof of performance" for primary antenna. Explanation of Variance and supporting documentation attached.	Amount:	\$19,954.84				
Component Description:	10% "net after proof of performance" for primary antenna. Explanation of Variance and supporting documentation attached.								
Amount:	\$19,954.84								

Component Description:

15% "payment with order" for primary antenna.

Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.

Amount:

\$29,932.27

Component Description:

35% "upon mfg" for primary antenna.

Explanation of Variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.

Amount:

\$69,841.96

Component Description:

40% "prior to shipment" for primary antenna.

Explanation of Variance and supporting documentation attached. This invoice has been paid.

Amount:

\$79,819.38

**Cost
Information**

Transmission Line

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$59,000.00	\$30,077.62		\$30,077.62	
Flexible Air Transmission Line - dielectric, 3"	\$59,000.00	\$30,077.62	See attached Jampro Quote #AP042519d- R1. Remaining amount of quote was incorrectly submitted and reimbursed under "other electric services" in Transmitter section.	\$30,077.62	N/A
Primary Transmission Line	\$347,982.00	\$246,595.86		\$242,029.25	

Rigid Transmission Line - copper, 6 1/8"	\$341,582.00	\$240,195.86	Cost of main transmission line and dehydrator. Cost estimate includes sales tax. Please see attached Electronics Research, Inc. Quote #20180820-033. Please see attached Electronics Research, Inc. Quote #20190606-769.	\$239,928.33	N/A
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	\$2,100.92	N/A
Sub-total	\$406,982.00	\$276,673.48	N/A	\$272,106.87	N/A
Total for all systems	\$4,279,387.41	\$3,416,905.84	N/A	\$2,992,123.16	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission Line - dielectric, 3"	<div> <div>Component Description:</div> <div>50% "balance before shipment" payment for interim antenna line and brackets. Supporting documentation and Cover Letter are attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$30,077.62</div> </div>
Rigid Transmission Line - copper, 6 1/8"	<div> <div>Component Description:</div> <div>10% "net after proof of performance" for dehydrator for primary antenna. Explanation of variance and supporting documentation attached.</div> </div> <div> <div>Amount:</div> <div>\$795.58</div> </div> <div> <div>Component Description:</div> <div>10% "net after proof of performance" for primary transmission line. Explanation of variance and supporting documentation attached.</div> </div> <div> <div>Amount:</div> <div>\$22,355.82</div> </div>

Component Description:	Cost of additional equipment for main transmission line. Supporting documentation is attached. This invoice has been paid.
Amount:	\$1,010.30

Component Description:	15% "payment with order" for primary transmission line. Explanation of variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.
Amount:	\$33,533.75

Component Description:	15% "payment with order" for dehydrator for primary antenna. Explanation of variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.
Amount:	\$1,193.38

Component Description:

35% "upon mfg" for primary transmission line. Explanation of variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.

Amount:

\$78,245.39

Component Description:

35% "upon mfg" for dehydrator for primary antenna. Explanation of variance, justification for full top mount reimbursement and supporting documentation attached. This invoice has been paid.

Amount:

\$2,784.53

Component Description:

50% "payment with order" for additional transmission line. Supporting documentation is attached.

Amount:

\$3,435.70

Component Description:	40% "prior to shipment" for primary transmission line. Explanation of variance and supporting documentation attached. This invoice has been paid.
Amount:	\$89,423.31

Component Description:	40% "prior to shipment" for dehydrator for primary antenna. Explanation of variance and supporting documentation attached. This invoice has been paid.
Amount:	\$3,182.34

Component Description:	50% "balance due prior to shipment" for additional transmission line. Supporting documentation is attached. This invoice has been paid.
Amount:	\$3,968.23

Sweep existing
transmission line

Component Description:

Payment for sweep
of current
transmission line.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$2,100.92

Component Description:

Payment for sweep
of current
transmission line.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$2,174.00

Cost Information

Tower Equipment and Rigging Costs

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$214,500.00	\$187,464.00		\$183,464.00	
Tall Tower (greater than 500')	\$210,500.00	\$183,464.00	Cost of tower services. Please see attached Electronics Research, Inc. Quotes #20190520-602 and #20191021-101. Plus applicable charges for weather delays.	\$183,464.00	N/A
Structural analysis	<i>\$4,000.00</i>	\$4,000.00	American Tower	N/A	N/A
Primary Tower GTOWER	\$675,535.00	\$709,118.00		\$709,118.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$454,728.00	Cost of tower services. Please see attached Electronics Research, Inc. Quote #20190320-013. Helicopter pick is included in tower rigging proposal.	\$454,728.00	N/A

Remove Interim Antenna	\$33,000.00	\$33,000.00	Please see Best Endeavours Quote KSPX Aux Antenna System Removal	\$33,000.00	N/A
Tower Helicopter Lift	\$0.00	\$0.00	Helicopter pick is included in tower rigging proposal.	N/A	N/A
Structural analysis	\$14,000.00	\$14,000.00	N/A	\$14,000.00	N/A
Interim Antenna Installation	\$181,235.00	\$181,235.00	Please see attached SWE Services Quote #1542 and PR Tower #19-036-BION	\$181,235.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$26,155.00	ERI	\$26,155.00	N/A
Sub-total	\$890,035.00	\$896,582.00	N/A	\$892,582.00	N/A
Total for all systems	\$4,279,387.41	\$3,416,905.84	N/A	\$2,992,123.16	N/A

Components

Actual Information**Description****File Name**

Tall Tower (greater than 500')

Component Description:

40% "prior to mobilization" for tower services. Supporting documentation is attached.

Amount:

\$33,485.60

Component Description:

Cost of weather delays during tower services for 5 men during 7 days. Supporting documentation is attached.

Amount:

\$22,750.00

Component Description:

10% "upon substantial completion" for tower services. Supporting documentation is attached. This invoice has been paid.

Amount:

\$8,371.40

Component Description:

50% "payment due with order" for tower services. Supporting documentation is attached.

Amount:

\$41,857.00

	<p>Component Description: Cost for tower work beyond original estimate to remove equipment. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$77,000.00</p>
Structural analysis	Information not provided.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<p>Component Description: 40% "prior to mobilization" payment for tower services. Supporting documentation is attached.</p> <p>Amount: \$181,891.20</p> <p>Component Description: 10% "upon substantial completion" payment for tower services. Supporting documentation is attached.</p> <p>Amount: \$45,472.80</p> <p>Component Description: 50% "payment due with order" for tower services. Supporting documentation is attached.</p> <p>Amount: \$227,364.00</p>

Remove Interim Antenna	<div data-bbox="710 174 1375 566"> <p>Component Description: Cost to remove interim antenna and line. Supporting documentation and cover letter attached. This invoice has been paid.</p> <p>Amount: \$33,000.00</p> </div> <div data-bbox="710 674 1351 1025"> <p>Component Description: Cost to remove interim antenna and line. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$33,000.00</p> </div>
Tower Helicopter Lift	Information not provided.

Structural analysis

Component Description:

Cost for structural re-analysis. Supporting documentation is attached.

Amount:

\$2,500.00

Component Description:

Cost for structural analysis and candleabra and top plate detail analysis. Supporting documentation is attached. This invoice has been paid.

Amount:

\$9,000.00

Component Description:

Cost for structural analysis. Supporting documentation is attached. This invoice has been paid.

Amount:

\$2,500.00

Interim Antenna Installation	<div data-bbox="708 174 1377 607"> <p>Component Description: Partial installation cost for interim antenna and line. Supporting documentation and cover letter for interim operation attached. This invoice has been paid.</p> <p>Amount: \$7,450.00</p> </div> <div data-bbox="708 712 1377 1144"> <p>Component Description: 50% "balance due" payment for interim antenna installation. Supporting documentation and Cover Letter are attached. This invoice has been paid.</p> <p>Amount: \$86,892.50</p> </div> <div data-bbox="708 1249 1377 1682"> <p>Component Description: 50% "deposit" payment for interim antenna installation. Supporting documentation and Cover Letter are attached. This invoice has been paid.</p> <p>Amount: \$86,892.50</p> </div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	

Component Description:	50% "payment with order" for tower mapping. Supporting documentation is attached. This invoice has been paid.
Amount:	\$4,725.00

Component Description:	50% "payment with order" for cost to provide and assist a survey company. Supporting documentation is attached. This invoice has been paid.
Amount:	\$8,352.50

Component Description:	10% "upon substantial completion" to provide & assist survey company. Supporting documentation is attached. This invoice has been paid.
Amount:	\$1,670.50

Component Description:	40% "prior to mobilization" for cost to provide and assist a survey company. Supporting documentation is attached. This invoice has been paid.
Amount:	\$6,682.00

Component Description:

50% "balance prior to shipping" payment for tower mapping. Supporting documentation is attached. This invoice has been paid.

Amount:

\$4,725.00

Cost Information

Outside Professional Services

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$181,729.00	\$163,879.00		\$14,600.99	
K20JX - Legal Fees	<i>\$2,349.00</i>	\$2,349.00	Legal fees for working with K20JX to sign an inference agreement. See Cooley #501527-248 for detailed billing backup	\$2,349.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,742.99	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,625.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$2,000.00	ION is only asking for reimburseme of invoice 241563 (wit Cover Letter Invoice 241222 is no in a differen section of th form 399.
Impact Study	\$250.00	\$250.00	Cost for LPTV impact study. Please see du Treil #243243 with detailed billing information	\$250.00	N/A
Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibits for more information.	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A

RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$1,134.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Sub-total	\$181,729.00	\$163,879.00	N/A	\$14,600.99	N/A
Total for all systems	\$4,279,387.41	\$3,416,905.84	N/A	\$2,992,123.16	N/A

Components

Actual Information
Description

File Name

K20JX - Legal Fees	<div> <div> Component Description: </div> <div> Legal fees for working with K20JX for signing an interference agreement. Supporting documentation is attached. ION paid all fees associated with this invoice. </div> </div> <div> Amount: </div> <div> \$2,349.00 </div>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="697 100 1114 683"> <p>Component Description:</p> </td><td data-bbox="1114 100 1428 683"> <p>Invoice for KSPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p> </td></tr> <tr> <td data-bbox="697 683 1114 795"> <p>Amount:</p> </td><td data-bbox="1114 683 1428 795"> <p>\$4,742.99</p> </td></tr> <tr> <td data-bbox="697 795 1114 1377"> <p>Component Description:</p> </td><td data-bbox="1114 795 1428 1377"> <p>Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p> </td></tr> <tr> <td data-bbox="697 1377 1114 1480"> <p>Amount:</p> </td><td data-bbox="1114 1377 1428 1480"> <p>\$4,837.97</p> </td></tr> </table>	<p>Component Description:</p>	<p>Invoice for KSPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p>	<p>Amount:</p>	<p>\$4,742.99</p>	<p>Component Description:</p>	<p>Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p>	<p>Amount:</p>	<p>\$4,837.97</p>
<p>Component Description:</p>	<p>Invoice for KSPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p>								
<p>Amount:</p>	<p>\$4,742.99</p>								
<p>Component Description:</p>	<p>Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p>								
<p>Amount:</p>	<p>\$4,837.97</p>								
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>								

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Component Description:</p> </div> <div style="width: 35%; text-align: right;"> <p>Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 60%;"> <p>Amount:</p> </div> <div style="width: 35%; text-align: right;"> <p>\$1,500.00</p> </div> </div>
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Perform engineering study
for new channel
assignment and antenna
development

Component Description:

Cost of RF
consultant work for
new channel
assignment and
antenna
development for
post-repack
Channel 21. Please
see cover letter and
supporting
documentation for
further context and
reference. This
invoice has been
paid.

Amount:

\$2,500.00

Component Description:

Cost of engineering
consultant work for
new channel
assignment and
antenna
development.
Hourly supporting
documentation
attached. This
invoice has been
paid.

Amount:

\$62.50

Component Description:

Cost of engineering
consultant work for
new channel
assignment and
antenna
development.
Hourly supporting
documentation
attached. This
invoice has been
paid.

Amount:

\$62.50

<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<table> <tr> <td data-bbox="694 100 1101 560"> <p>Component Description:</p> </td><td data-bbox="1101 100 1428 560"> <p>Cost of engineering consultant work related to resolving KKPX Channel 14 interference issues. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="694 560 1101 672"> <p>Amount:</p> </td><td data-bbox="1101 560 1428 672"> <p>\$2,500.00</p> </td></tr> <tr> <td data-bbox="694 672 1101 1120"> <p>Component Description:</p> </td><td data-bbox="1101 672 1428 1120"> <p>Cost of engineering consultant work related to resolving KKPX Channel 14 interference issues. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="694 1120 1101 1232"> <p>Amount:</p> </td><td data-bbox="1101 1120 1428 1232"> <p>\$2,000.00</p> </td></tr> <tr> <td data-bbox="694 1232 1101 1736"> <p>Component Description:</p> </td><td data-bbox="1101 1232 1428 1736"> <p>Cost of engineering consultant work related to resolving KKPX Channel 14 interference issues. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="694 1736 1101 1848"> <p>Amount:</p> </td><td data-bbox="1101 1736 1428 1848"> <p>\$2,000.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>Cost of engineering consultant work related to resolving KKPX Channel 14 interference issues. Hourly supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$2,500.00</p>	<p>Component Description:</p>	<p>Cost of engineering consultant work related to resolving KKPX Channel 14 interference issues. Hourly supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$2,000.00</p>	<p>Component Description:</p>	<p>Cost of engineering consultant work related to resolving KKPX Channel 14 interference issues. Hourly supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$2,000.00</p>
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<p>Amount:</p>	<p>\$2,000.00</p>												
<p>Impact Study</p>	<table> <tr> <td data-bbox="694 1736 1101 1971"> <p>Component Description:</p> </td><td data-bbox="1101 1736 1428 1971"> <p>Cost of LPTV impact study. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="694 1971 1101 2067"> <p>Amount:</p> </td><td data-bbox="1101 1971 1428 2067"> <p>\$250.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>Cost of LPTV impact study. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$250.00</p>								
<p>Component Description:</p>	<p>Cost of LPTV impact study. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$250.00</p>												

Project management of the transition	Information not provided.
Prepare and or review reimbursement form	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <div> Component Description: </div> <div> Legal fees for analysis and correspondence regarding phase change. Itemized invoice attached. This invoice has been paid. </div> </div> <div> <div> Amount: </div> <div> \$1,134.00 </div> </div>
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

Cost Information

Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$283,568.96	\$276,003.96		\$32,401.46	
K20JX-D Zoning and Local Permits	<i>\$25,000.00</i>	\$25,000.00	See attached Cost Estimates for K20JX-D (Non-Repack Station). See KSPX Channel 21 Major Modification Construction Permit. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	N/A	N/A
K20JX-D Transmitter and Associated Elements	<i>\$20,836.50</i>	\$20,836.50	See Cost Estimates for K20JX-D (Non-Repack Station), KSPX Channel 21 Major Modification Construction Permit, and Cost Estimates Transmitter for K20JX-D attachments. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	N/A	N/A

K20JX-D Installation	\$10,000.00	\$10,000.00	See attached Cost Estimates for K20JX-D (Non-Repack Station). See KSPX Channel 21 Major Modification Construction Permit. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	N/A	N/A
K20JX-D Antenna, Cabling and Associated Elements	\$11,651.00	\$11,651.00	See Cost Estimates for K20JX-D (Non- Repack Station), KSPX Channel 21 Major Modification Construction Permit, and Cost Estimates Antenna for K20JX-D attachments. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	N/A	N/A

K20JX-D Engineering Consulting	\$15,000.00	\$15,000.00	See attached Cost Estimates for K20JX-D (Non-Repack Station). See KSPX Channel 21 Major Modification Construction Permit. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	N/A	N/A
K20JX-D Antenna structure and construction	\$90,000.00	\$90,000.00	See attached Cost Estimates for K20JX-D (Non-Repack Station). See KSPX Channel 21 Major Modification Construction Permit. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	N/A	N/A
K20JX-D Legal	\$0.00	\$0.00	See attached Cost Estimates for K20JX-D (Non-Repack Station). See KSPX Channel 21 Major Modification Construction Permit. See attached KSPX "Request for Waiver of Repack Reimbursement Restriction".	\$0.00	N/A

MVPD Notification of Channel Change	\$1,600.00	\$1,600.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$32,401.46	\$32,401.46	Actual costs charged by vendors for shipping repack equipment	\$32,401.46	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized.	N/A	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A

Sub-total	\$283,568.96	\$276,003.96	N/A	\$32,401.46	N/A
Total for all systems	\$4,279,387.41	\$3,416,905.84	N/A	\$2,992,123.16	N/A

Components

Actual Information Description	File Name
K20JX-D Zoning and Local Permits	Information not provided.
K20JX-D Transmitter and Associated Elements	Information not provided.
K20JX-D Installation	Information not provided.
K20JX-D Antenna, Cabling and Associated Elements	Information not provided.
K20JX-D Engineering Consulting	Information not provided.
K20JX-D Antenna structure and construction	Information not provided.
K20JX-D Legal	<p>Component Description: Per FCC guidance this portion will be submitted in Outside Professional Services section</p> <p>Amount: N/A</p>
MVPD Notification of Channel Change	Information not provided.

Equipment Delivery and
Handling Charges

Component Description:

Cost of freight for additional transmission line equipment. Supporting documentation is attached. This invoice has been paid.

Amount:

\$376.71

Component Description:

Cost of freight for additional elbow equipment. Supporting documentation is attached. This invoice has been paid.

Amount:

\$142.21

Component Description:

Remaining freight cost for 10kW mask filter and interim transmission line. Supporting documentation and Cover Letter are attached. This invoice has been paid.

Amount:

\$4,330.00

Component Description:

Cost of freight for main antenna package. Supporting documentation and explanation of variance attached.

Amount:

\$27,552.54

DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Equipment Storage	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Local Zoning	Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,279,387.41	\$3,416,905.84	\$2,992,123.16

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	Yes
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>10/16/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>10/16/2020</p>

Attachments